

North Carolina Weather & Crops Report

Released: August 26, 2019



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CROP SUMMARY FOR THE WEEK ENDING AUGUST 25, 2019

| DAYS SUITABLE FOR FIELD WORK | | | | | SOIL MOISTURE PERCENT | | | | | | | | | | |
|--|-----------|-----------|-------------|------------|--|----|----|----|----|---------|---|----|----|----|---|
| This Week | Last Week | Last Year | 5-Year Avg. | | VS | ST | A | SS | | | | | | | |
| 5.7 | 6.1 | 6.4 | 6.4 | | Subsoil Moisture | 2 | 33 | 61 | 4 | | | | | | |
| | | | | | Topsoil Moisture | 3 | 26 | 66 | 5 | | | | | | |
| | | | | | VS= Very Short ST = Short A = Adequate SS = Surplus | | | | | | | | | | |
| CROP PROGRESS PERCENT – WITH COMPARISONS | | | | | CROP CONDITION PERCENT | | | | | | | | | | |
| | This Week | Last Week | Last Year | 5 Yr. Avg. | VP | P | F | G | EX | | | | | | |
| PHENOLOGICAL: | | | | | | | | | | | | | | | |
| Corn Dented | 90 | 84 | 89 | 90 | Apples | 1 | 2 | 34 | 60 | 3 | | | | | |
| Corn Mature | 68 | 51 | 64 | 67 | Corn | 12 | 23 | 31 | 29 | 5 | | | | | |
| Cotton Setting Bolls | 96 | 94 | 90 | 94 | Cotton | 7 | 11 | 24 | 45 | 13 | | | | | |
| Cotton Bolls Opening | 15 | N/A | N/A | 12 | Hay | 1 | 5 | 32 | 59 | 3 | | | | | |
| Soybeans Blooming | 92 | 85 | 94 | 92 | Pasture | 2 | 12 | 40 | 42 | 4 | | | | | |
| Soybeans Setting Pods | 73 | 64 | 73 | 74 | Peanuts | 3 | 6 | 31 | 46 | 14 | | | | | |
| HARVESTED: | | | | | | | | | | Sorghum | 1 | 10 | 30 | 53 | 6 |
| Apples | 43 | 33 | 26 | 32 | Soybeans | 3 | 9 | 30 | 48 | 10 | | | | | |
| Corn for Grain | 19 | N/A | 11 | 16 | Sweet Potatoes | 1 | 5 | 33 | 49 | 12 | | | | | |
| Corn for Silage | 54 | 46 | 55 | 51 | Tobacco: Flue-cured | 4 | 11 | 29 | 50 | 6 | | | | | |
| Hay: Second Cutting | 95 | 91 | 87 | 84 | Tobacco: Burley | 0 | 6 | 39 | 55 | 0 | | | | | |
| Hay: Third Cutting | 32 | 25 | 23 | 29 | | | | | | | | | | | |
| Peaches | 88 | 83 | 86 | 83 | | | | | | | | | | | |
| Tobacco: Flue-cured | 36 | 29 | 49 | 46 | | | | | | | | | | | |
| Tobacco: Burley | 11 | N/A | N/A | 14 | | | | | | | | | | | |
| | | | | | VP = Very Poor P = Poor F = Fair G = Good EX = Excellent | | | | | | | | | | |

Much needed rain received Saturday. This rain was much needed by cotton and soybeans.

Cathy Herring – Central Crops Research Station
Hot weather still hurting crops showers are spotty. Tobacco harvest quality varies

Gary Cross – Person County Extension
Corn harvest picked up significantly last week with mixed yield results. Fields that were severely stressed by drought in June and early July produced 130 bushel per acre yields and other fields, also stressed by drought, are producing 50-60 bushels per acre. Soil type and scattered showers during ear set seem to be the difference maker. Soybeans continue to look good to excellent across the county

Mark Seitz – Pender County Extension
The heat and humidity over the last month has been devastating to many crops. The tobacco crop has been stressed and diseases have shown up all over the county. We have seen Granville Wilt, Fusarium Wilt and Black shank in many fields. The vegetable crops have suffered due to lack of rain. Hay fields and pastures are suffering as well. Soybeans look good from the road or path, but the heat damaged the blooms. With cooler weather and rain now hopefully they can bloom again a start setting pods.

Charles Mitchell – Franklin County Extension

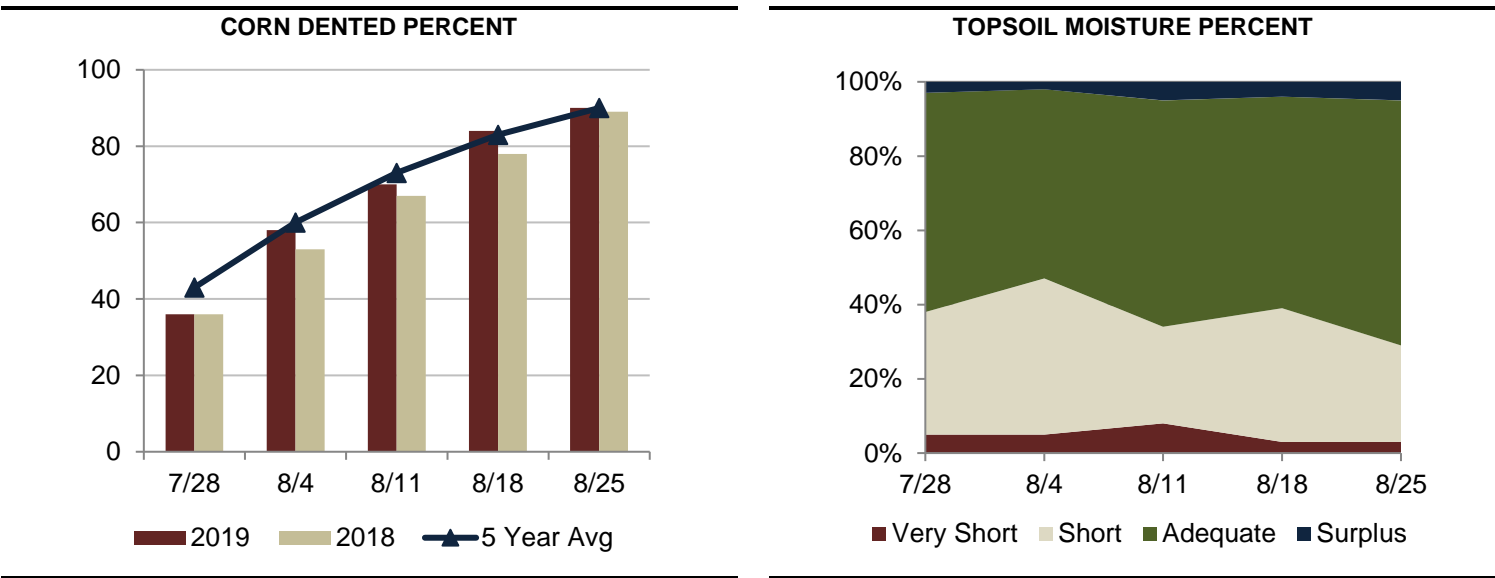
Rain showers and thunderstorms brought some much needed moisture to parts of the county. Precipitation levels were variable across the county and ranged from around .5" to nearly 3", with most areas receiving around 1.5". The rain was a welcome sight for most farmers as some crops, especially corn, had begun to show drought stress.

Stanley Holloway – Yancey County Extension
Rainfall was above average with 1"-3" across the counties with some sections in western Swain county reporting nearly 3" in short period of about 1 hour from possible 'Cloudburst' that caused landslides on "Fire Scars" from wildfires of Fall 2017. Temperatures went from hot to mild with near average temperatures overall.

Robert Hawk - Jackson County Extension
Rain over the last week was spotty but still widespread. Tobacco harvest is underway and tobacco looks good. Peanuts look very good, as does the cotton. Pastures in general are in good shape, if not overgrazed.

Michael Yoder – Wake County Extension
Corn harvest continues with dryland yields being reported well below average. Irrigated corn still performing well. Soybeans continue to look good across the area. Lot of late cotton acreage blooming hard as we reach time frame for normal last harvestable bolls being set. Recent rains have been beneficial.

Mac Malloy - Robeson County Extension

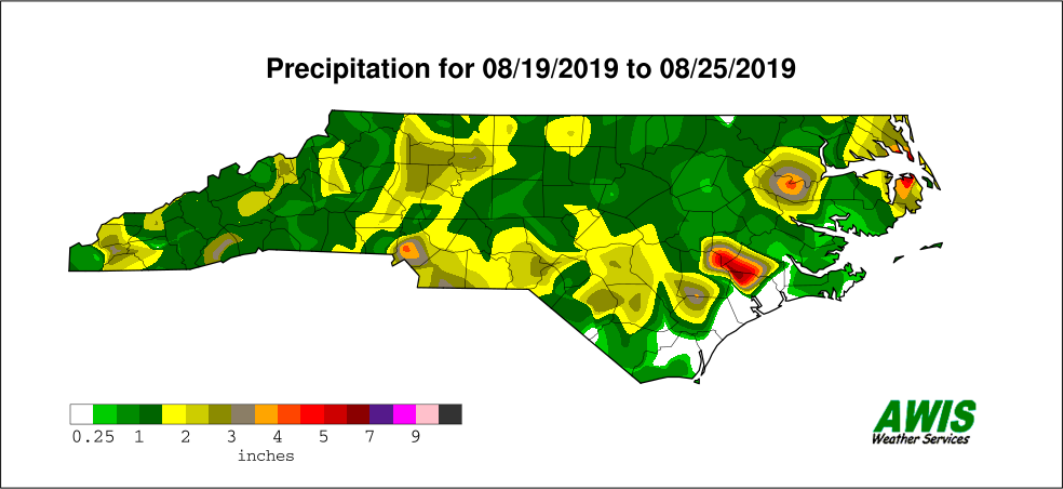


| WEATHER SUMMARY FOR THE WEEK ENDING AUGUST 25, 2019 ¹ | | | | | | | | | |
|--|------------------------|-----------------------|--------------|-----------------------|--------------------------|-----|------|-----------------------|-------------------|
| Location | Precipitation (Inches) | | | | Temperature (Degrees F.) | | | | |
| | This Week | | Year to Date | | This Week | | | | |
| | Total | Departure from Normal | Total | Departure from Normal | High | Low | Avg. | Departure from Normal | Degree Days (YTD) |
| Asheboro Airport | 0.72 | -0.36 | 23.37 | -8.25 | 94 | 61 | 77 | 2 | 3479 |
| Asheville Municipal | 1.68 | 0.70 | 41.69 | 9.59 | 89 | 61 | 75 | 4 | 3058 |
| Boone | 1.90 | 0.85 | 39.84 | 3.79 | 87 | 55 | 70 | 5 | 2229 |
| Burlington AP | 1.05 | 0.12 | 31.12 | 0.31 | 96 | 63 | 79 | 3 | 3868 |
| Charlotte | 4.32 | 3.48 | 39.23 | 10.49 | 95 | 63 | 79 | 1 | 3913 |
| Clayton WTP | 0.93 | -0.03 | 36.89 | 5.75 | 92 | 63 | 78 | 2 | 3607 |
| Clinton_2NE | 1.69 | 0.43 | 32.28 | -4.47 | 92 | 63 | 79 | 2 | 3945 |
| Elizabeth City | 2.32 | 1.27 | 35.23 | 3.11 | 94 | 71 | 81 | 5 | 4021 |
| Elizabethtown_NC | 2.62 | 1.49 | 27.91 | -5.44 | 96 | 65 | 81 | 4 | 4278 |
| Erwin_AP | 1.41 | 0.32 | 29.59 | -3.45 | 93 | 64 | 80 | 4 | 4024 |
| Fayetteville_AP | 2.01 | 0.77 | 28.91 | -3.48 | 94 | 64 | 81 | 3 | 4251 |
| Frisco_2NNE | 0.65 | -0.88 | 42.22 | 6.15 | 89 | 75 | 82 | 4 | 4263 |
| Gastonia-Gaston | 0.66 | -0.32 | 33.35 | 2.05 | 96 | 65 | 80 | 3 | 3971 |
| Goldsboro_AFB | 0.69 | -0.64 | 29.70 | -4.09 | 95 | 66 | 81 | 2 | 4155 |
| Greensboro_AP | 1.71 | 0.87 | 38.23 | 9.44 | 95 | 60 | 77 | 2 | 3580 |
| Greenville Airport | 1.14 | -0.27 | 28.58 | -6.05 | 95 | 64 | 80 | 3 | 3978 |
| Hickory | 0.85 | -0.05 | 25.00 | -8.12 | 92 | 61 | 76 | 1 | 3386 |
| Jacksonville AP | 0.19 | -1.25 | 15.85 | -20.41 | 95 | 68 | 81 | 3 | 4122 |
| Jacksonville_EOC | 0.70 | -0.74 | 27.95 | -8.31 | 93 | 65 | 80 | 3 | 4118 |
| Jefferson_2E | 1.30 | 0.39 | 41.56 | 9.63 | 86 | 56 | 70 | 3 | 2152 |
| Kinston Airport | 1.06 | -0.16 | 26.50 | -6.85 | 93 | 66 | 79 | 1 | 4037 |
| Louisburg | 1.92 | 0.82 | 38.92 | 7.94 | 95 | 62 | 79 | 4 | 3646 |
| Maxton | 0.65 | -0.35 | 26.96 | -7.01 | 96 | 65 | 82 | 4 | 4261 |
| Mt_Airy_2W | 1.12 | 0.28 | 39.10 | 8.83 | 93 | 59 | 75 | 3 | 2930 |
| New_Bern | 0.12 | -1.42 | 30.12 | -7.45 | 94 | 68 | 81 | 3 | 4132 |
| North_Wilkesboro | 2.55 | 1.47 | 44.17 | 10.54 | 93 | 59 | 76 | 3 | 3242 |
| Oxford_AP | 0.93 | -0.05 | 29.42 | -0.70 | 93 | 63 | 77 | 2 | 3189 |
| Raleigh-Durham | 1.10 | 0.26 | 31.85 | 3.02 | 95 | 63 | 79 | 3 | 3770 |
| Reidsville_2NW | 1.97 | 1.14 | 35.77 | 5.76 | 93 | 62 | 77 | 3 | 3355 |
| Roanoke_Rap_Dam | 0.11 | -0.88 | 31.33 | 0.07 | 95 | 67 | 80 | 4 | 3717 |
| Robbinsville_AG | 1.32 | 0.23 | 58.30 | 15.11 | 89 | 63 | 74 | 3 | 2728 |
| Rockingham | 2.26 | 1.31 | 27.29 | -6.27 | 92 | 63 | 79 | 3 | 3936 |
| Roxboro Airport | 1.21 | 0.23 | 31.23 | 1.45 | 91 | 61 | 75 | 2 | 3162 |
| Southern_Pines | 0.98 | 0.00 | 26.66 | -5.46 | 95 | 63 | 80 | 4 | 3968 |
| Statesville_2NNE | 2.74 | 1.83 | 37.91 | 7.29 | 94 | 60 | 76 | 1 | 3284 |
| Tarboro_1S | 1.16 | 0.01 | 27.46 | -4.34 | 94 | 66 | 80 | 4 | 3874 |
| Vale_Ag_2SW | 1.43 | 0.58 | 40.06 | 8.28 | 93 | 62 | 76 | 1 | 3333 |
| Wadesboro Airport | 1.55 | 0.55 | 26.77 | -5.96 | 94 | 64 | 80 | 2 | 3846 |
| Washington_AP | 1.85 | 0.66 | 28.01 | -5.56 | 94 | 67 | 80 | 4 | 4028 |
| Waynesville_1E | 3.19 | 2.28 | 42.19 | 9.90 | 86 | 59 | 72 | 4 | 2507 |
| Whiteville_7NW | 2.00 | 0.95 | 26.81 | -7.88 | 93 | 64 | 79 | 1 | 4032 |

¹ This data is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>

PRECIPITATION SUMMARY

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc. <http://www.awis.com/>



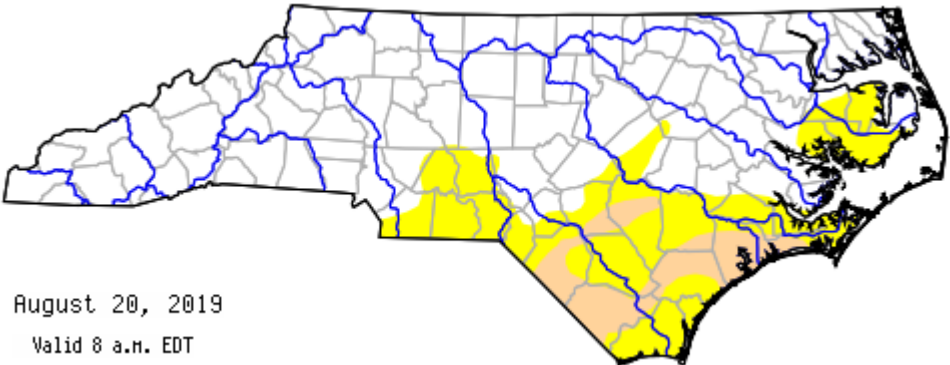
US DROUGHT MONITOR OF NORTH CAROLINA

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary. <http://www.ncdrought.org/>

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

August 20, 2019
Valid 8 a.m. EDT



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)

